



TRANSMITTAL
STATE OF UTAH
DIVISION OF WATER QUALITY
DEPARTMENT OF ENVIRONMENTAL QUALITY
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We are pleased to provide the following to you:

ITEM:

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359-3940

No. of Pages Including Cover Sheet:

2☐

For your action

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For your information

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Per previous conversation on

☐

Per your/our correspondence dated

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Other

MESSAGE:

See attached sheet

1.40 "Water Table Aquifer" means an aquifer extending downward from the water table to the first confining bed.

1.41 "Waters of the State" means all streams, lakes, ponds, marshes, water courses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, which are contained within, flow through, or border upon this state or any portion thereof; except bodies of water confined to and retained within the limits of private property, and which do not develop into or constitute a nuisance or a public health hazard, or a menace to fish and wildlife, shall not be considered to be "waters of the state" under this definition.

1.42 "Zone of Influence" means the area contained by the outer edge of the drawdown cone of a water well.

R317-6-2. Ground Water Quality Standards.

2.1 The following Ground Water Quality Standards as listed in Table I are adopted for protection of ground water quality.

TABLE 1
GROUND WATER QUALITY STANDARDS

Parameter	Milligrams per liter (mg/l) unless noted otherwise and based on analysis of filtered sample except for Mercury and organic compounds
PHYSICAL CHARACTERISTICS	
Color (units)	15.0
Corrosivity (characteristic)	noncorrosive
Odor (threshold number)	3.0
pH (units)	6.5-8.5
INORGANIC CHEMICALS	
Cyanide (free)	0.2
Fluoride	4.0
Nitrate (as N)	10.0
Nitrite (as N)	1.0
Total Nitrate/Nitrite (as N)	10.0
METALS	
Arsenic	0.05
Barium	2.0
Cadmium	0.005
Chromium	0.1
Copper	1.3
Lead	0.015
Mercury	0.002
Selenium	0.05
Silver	0.1
Zinc	5.0
ORGANIC CHEMICALS	
Pesticides and PCBs	
Alachlor	0.002
Aldicarb	0.003
Aldicarb sulfone	0.002
Aldicarb sulfoxide	0.004
Atrazine	0.003
Carbofuran	0.04
Chlordane	0.002

*These should be
analyzed for as
well as TDS & do
common constituents
including Na, Ca, K
Mg, Cl, HCO₃, etc.
SO₄ Cl,*